Approved For Release 2002/10/16. CA-RDP63-00313A000500030028-4

SOUTH	8	OF	

25X1

NRO REVIEW COMPLETED

19 Karman 1962

SURRABION FOR 1 The Mount

DIR TOT

NRO

25X1

: MART heire lelivery datus and ferformance Improvements

deted 19 hormsber 1962, titled "Definition - Fain Control 3 and 3 Hilot

int Program

- 1. Attention lints the contractor's current on the delivery estimates as presented on 14 Howester 1962 resulting from main mentral delivery problems described in reference meanmake. The contractor now estimates that nim angless will be delivered by 31 lacomber 1962 instead of the fourteen engines herstofers forecast.
- 2. As of this date a total of six engines have been delivered with the 7th engine through final test and bodies prepared for shipment.
- 3. The Ski delivery cucine was shipped Li Ecresber 1922 before fine! acceptance test with a mode-up control for fitting to simpless number 125 In Durbank. This engine which must be returned to Hartford for final test to not included therefore in the nine engine delivery estimate for 31 incombar 1962. This estimate includes engines 201 through 210 less 208.
- L. Inches 20) and 302 which were returned to Martiford for a mount where to accompdate strings mealls structural medification will receive other updating engineering changes including cale and afterburser feel control overhead to the 5 or Such 2 configuration. These oughes are scheduled by the contractor for redelivery in Japany and Pebruary 1965 respectively. Control resert to the pecing fiers.
- 5. The fellowing performance improvement changes are now scheduled by the contractor as follows:
 - (a) The "ME afterburner package" is adjudiced for production Leconstruction into angles 209 in Decretor 1962. (Two filight test "It rectains" are available for adjunct now with the limit scheduled for drill 20 Sovetor 1962.)

25X1

7830 2

25X1

(b) Additional gas generator improvement charges involving compressor and turbine inlet profile are embedded for production incorporation into delivery engine 219 in Perch 1963 pending favorable development took evaluation on engine 30-1-8 scheduled for 15 because 1962. These improvements together with the "OK afterburner" are expected by the contractor to yield a thrust of 1.55 belowspecification and a specific fuel ememption of free 4.5 to 125 sky of specification at 33.2 at 90.000 ft. altitude for estiman thrust conditions. Solve 956 of maximum thrust conditions. Solve 100 of maximum thrust conditions.

A part of these cas generator improvements in achievabled for production incorporation into delivery segine 215 is February 1962.

DENIE

25X1

Attachment t

Distributions
1-ID/R w/stt
2-AD/SA w/stt
3-C/DD/GSA w/stt
425-ID/OSA w/stt
6-TAES/OSA w/stt
7-AFCIG-5 w/stt
8-ID/CSA w/stt
9-ID (Chrono) w/stt

DD/OGA

25X1

25X1

Approved For Release 2002/10/16: CIA-RDP63-00313A000500030028-4

SECTION

Atachant 1

25X1

LICEN MATERIAL STRUCT

AL OF LA BARRAGE 2002

1942			1943										
Dan Cot.	Lay		100	Soh	er'	Apr	\day	Aus.	Jul	AUE	Cap	iet	lior
\$	2/7	2/9	14/13	1/27	5/22	5/27	5/32	5/37	5/42	2/LL	1/1 48	5/53	W5?

il Terestor st.

25X1